

Refine Search

Search Results -

Terms	Documents
L2 and (701/36 701/48).ccls.	5

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L3

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Search History

DATE: Saturday, January 06, 2007
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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L3</u>	L2 and 701/36,48.ccls.	5	<u>L3</u>
<u>L2</u>	L1 and memory and (back\$ adj2 (vehicle or car or automobile))	115	<u>L2</u>
<u>L1</u>	((steer\$ adj2 angle) and (steer\$ with turn\$)) and ((revers\$ or back\$) with (vehicle or car or.	1435	<u>L1</u>

automobile))

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20050137769 A1

L3: Entry 1 of 5

File: PGPB

Jun 23, 2005

PGPUB-DOCUMENT-NUMBER: 20050137769

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050137769 A1

TITLE: Vehicle integrated control system

PUBLICATION-DATE: June 23, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Takamatsu, Hideki	Anjo-shi		JP
Miyakoshi, Tsuneo	Toyota-shi		JP
Otake, Hirotada	Susono-shi		JP
Mizuno, Hiroshi	Toyota-shi		JP
Kondo, Masami	Toyota-shi		JP
Kawai, Katsuyuki	Higashikamo-gun		JP

US-CL-CURRENT: 701/48; 701/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20050113988 A1

L3: Entry 2 of 5

File: PGPB

May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050113988

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050113988 A1

TITLE: Failure mode operation for an electric vehicle

PUBLICATION-DATE: May 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Nasr, Nader	Neenah	WI	US
Yakes, Christopher K.	Oshkosh	WI	US
Zhang, Rongjun	Neenah	WI	US
Pillar, Duane R.	Oshkosh	WI	US

US-CL-CURRENT: 701/22; 701/2, 701/36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 3. Document ID: US 7039504 B2

L3: Entry 3 of 5

File: USPT

May 2, 2006

US-PAT-NO: 7039504

DOCUMENT-IDENTIFIER: US 7039504 B2

TITLE: Vehicle backward movement assist device and vehicle parking assist device

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050055139 A1

March 10, 2005

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 4. Document ID: US 7006901 B2

L3: Entry 4 of 5

File: USPT

Feb 28, 2006

US-PAT-NO: 7006901

DOCUMENT-IDENTIFIER: US 7006901 B2

TITLE: Computerized automated dynamic control system for single-track vehicles

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040098185 A1

May 20, 2004

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 5. Document ID: US 5123497 A

L3: Entry 5 of 5

File: USPT

Jun 23, 1992

US-PAT-NO: 5123497

DOCUMENT-IDENTIFIER: US 5123497 A

TITLE: Automotive apparatus and method for dynamically determining centripetal force of a vehicle

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
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L3: Entry 3 of 5

File: USPT

May 2, 2006

US-PAT-NO: 7039504

DOCUMENT-IDENTIFIER: US 7039504 B2

TITLE: Vehicle backward movement assist device and vehicle parking assist device

DATE-ISSUED: May 2, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050055139 A1

March 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tanaka; Yuu	Aichi-ken			JP
Iwata; Yoshifumi	Anjo			JP
Satonaka; Hisashi	Susono			JP
Endo; Tomohiko	Toyota			JP
Kubota; Yuichi	Okazaki			JP
Matsui; Akira	Toyota			JP
Iwakiri; Hideyuki	Tajimi			JP
Sugiyama; Toru	Toyota			JP
Kawakami; Seiji	Susono			JP
Iwazaki; Katsuhiko	Shizuoka-ken			JP
Kataoka; Hiroaki	Susono			JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Aisin Seiki Kabushiki Kaisha	Aichi-ken			JP	03
Toyota Jidosha Kabushiki Kaisha	Aichi-ken			JP	03

APPL-NO: 10/927220 [\[PALM\]](#)

DATE FILED: August 27, 2004

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	2003-304103	August 28, 2003

INT-CL-ISSUED:

TYPE	IPC	DATE	IPC-OLD
IPCP	G06F7/00	20060101	G06F007/00

INT-CL-CURRENT:

TYPE IPC DATE
CIPP G06 F 7/00 20060101

US-CL-ISSUED: 701/1; 701/36, 701/41, 701/300, 318/587
US-CL-CURRENT: 701/1; 318/587, 701/300, 701/36, 701/41

FIELD-OF-CLASSIFICATION-SEARCH: 701/1, 701/36, 701/41, 701/300, 701/301, 701/91,
340/932.2, 340/435, 340/436, 340/903, 318/580, 318/587, 348/118, 348/148, 348/139,
180/204

See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

Clear

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>6173229</u>	January 2001	Fennel et al.	701/91
<input type="checkbox"/> <u>6275754</u>	August 2001	Shimizu et al.	
<input type="checkbox"/> <u>6463363</u>	October 2002	Okuda	701/1
<input type="checkbox"/> <u>6611744</u>	August 2003	Shimazaki et al.	701/41
<input type="checkbox"/> <u>6621421</u>	September 2003	Kuriya et al.	340/932.2
<input type="checkbox"/> <u>6683589</u>	January 2004	Sano et al.	345/60
<input type="checkbox"/> <u>6704653</u>	March 2004	Kuriya et al.	701/301
<input type="checkbox"/> <u>6711473</u>	March 2004	Shimazaki et al.	701/1
<input type="checkbox"/> <u>6776117</u>	August 2004	D'Onofrio	116/28R
<input type="checkbox"/> <u>6898527</u>	May 2005	Kimura et al.	701/301
<input type="checkbox"/> <u>2001/0026317</u>	October 2001	Kakinami et al.	

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	CLASS
1 297 999	April 2003	EP	
11-208420	August 1999	JP	

ART-UNIT: 3661

PRIMARY-EXAMINER: Camby; Richard M.

ATTY-AGENT-FIRM: Sughrue Mion, PLLC

ABSTRACT:

A vehicle backward movement assist device includes a vehicle path determining means for determining a path from a current position of the vehicle moved at a moving amount detected by a vehicle moving amount detecting means to a first target position or a second target position, the vehicle path determining means determining the path by repeatedly calculating the path, and a displaying means for displaying an image of a rear view from a captured by an image capturing means, the displaying means superimposing the first or second target position of the vehicle moved based upon the first or second target position and the detected moving amount on the image of the rear view from the vehicle, the second target position calculated by updating the first target position.

20 Claims, 19 Drawing figures

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File: PGPB

Jun 23, 2005

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NAME	CITY	STATE	COUNTRY
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Miyakoshi, Tsuneo	Toyota-shi		JP
Otake, Hirotada	Susono-shi		JP
Mizuno, Hiroshi	Toyota-shi		JP
Kondo, Masami	Toyota-shi		JP
Kawai, Katsuyuki	Higashikamo-gun		JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE CODE
Toyota Jidosha Kabushiki Kaisha	Toyota-shi		JP	03

APPL-NO: 10/999933 [PALM]

DATE FILED: December 1, 2004

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
JP	2003-423509	2003JP-2003-423509	December 19, 2003

INT-CL-PUBLISHED: [07] G06F 17/00

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPS	<u>B60 T 7/12</u>	20060101
CIPS	<u>B60 K 31/00</u>	20060101
CIPS	<u>F02 D 29/02</u>	20060101
CIPS	<u>G06 F 17/00</u>	20060101

US-CL-PUBLISHED: 701/048; 701/001

US-CL-CURRENT: 701/48; 701/1

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

An integrated control system includes a main control system (accelerator) controlling a driving system, a main control system (brake) controlling a brake system, a main control system (steering) controlling a steering system, an adviser unit generating and providing information to be used at each control system based on environmental information around the vehicle or information related to a driver, and an agent unit. The agent unit executes a program including a process of determining a control precondition, a step of calculating an instructed distance or a target distance to an instructed position, and a process of guarding (regulating) by environmental information.

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